

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PATTERN SEARCH METHOD, PATTERN SEARCH APPARATUS AND COMPUTER PROGRAM THEREFOR, AND STORAGE MEDIUM THEREOF

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the specification of which is attached hereto unless the following box is checked:

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was filed on _____
as United States Application Number or PCT International Application Number _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Priority Claimed

2001-224189 JAPAN 11 January 2001
(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Provisional Application(s): _____
(Application Number) (Filing Date)

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

Power of Attorney:

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Thomas R. Berthold	(#28,689)	Daniel E. Johnson	(#33,010)
Marc D. McSwain	(#44,929)	Khanh Q. Tran	(#41,352)
Alison D. Mortinger	(#39,306)	Ronald L. Drumheller	(#25,674)
T. Rao Coca	(#29,784)		

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Address all telephone calls to:

Ronald L. Drumheller
(845) 628-6090

Address all correspondence to:

Ronald L. Drumheller
94 Teakettle Spout Rd.
Mahopac, NY 10541

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Tetsuo Shibuya

Inventor's signature:

Tetsuo Shibuya

Date:

11 Dec, 2001

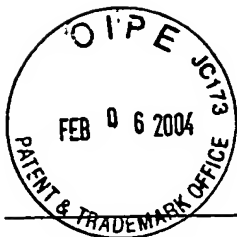
Residence:

Echo-hills 202, 732-1, Shimotsuruma, Yamato-shi, Kanagawa-ken, Japan

Citizenship:

Japan

Post Office Address:



Atty. Docket No. JP9-2000-0230
RECORDATION FORM COVER SHEET
PATENTS ONLY

To The Honorable Commissioner of Patents and Trademarks
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <u>Tetsuo Shibuya</u> Additional name(s) of conveying party(ies) attached? ___ Yes <u>X</u> No	2. Name and address of receiving party(ies): Name: <u>International Business Machines Corporation</u> Address: <u>Armonk, NY 10504</u>
3. Nature of conveyance: <u>X</u> Assignment Execution Date(s): <u>12/11/01</u>	4. Patent Application number(s) Serial No. Filed: <u>January 11, 2002</u> Execution Date(s): <u>12/11/01</u>
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Ronald L. Drumheller, Esq.</u> Address: <u>94 Teakettle Spout Road Mahopac, New York 10541</u>	6. Total number of applications involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$40.00</u> <u>X</u> Charge to Deposit Account No.: <u>09-0441</u>

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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Ronald L. Drumheller (Reg. No. 25,674)

Name of Person Signing

Signature

1/11/02

Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

ASSIGNMENT

Whereas, I, Tetsuo Shibuya
City of Shimotsuruma
County of Yamato-shi
State of Kanagawa-ken

have invented certain improvements in:

PATTERN SEARCH METHOD, PATTERN SEARCH APPARATUS AND COMPUTER PROGRAM THEREFOR, AND STORAGE MEDIUM THEREOF

and executed a Declaration and Power of Attorney for a United States patent application therefor on

11 December 2001

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Execution by Inventor

Inventor Tetsuo Shibuya

City/State

Signature

Tetsuo Shibuya

Date


11 Dec., 2001

LETTER OF AUTHORITY

I, Gerald Rosenthal, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney; authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; request for the registration of patents as available for licensing; reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Abdi H. Dirie, Manager, Washington Intellectual Property Law.

Date:

Aug. 4, 2000



Gerald Rosenthal
Vice President, Intellectual Property & Licensing
International Business Machines Corporation